



Arc Flash Study

Is compliance with NFPA 70E arc flash regulations helping keep your plant safe?

Have arc flash studies been kept up to date with changes to your facilities?

An arc flash study may be necessary to ensure the safety of your employees and the uptime of your processes.

Why conduct an arc flash study?

- There are 5-10 arc flash burns sustained each day, resulting in 1-2 deaths per day in the United States
- A single arc flash incident can cost a company \$1 million in medical expenses, equipment replacement, downtime, insurance, and penalty costs
- There is a \$3-6 return for every dollar invested in preventative maintenance (Liberty Mutual Group)
- There is the potential for lower insurance premiums
- To comply with OSHA regulations on Arc Flash labeling and work procedures

How can Interstates help?

- Determine the amount of electrical current that could flow to any point in an electrical system
- Make electrical equipment recommendations
- Make recommendations on safety precautions and protective clothing to be worn
- Provide staff training
- Negotiate with your insurance company for lower premiums from reduced risk



Customer Testimonial...

Through less restrictive personal protective equipment, the arc flash study “improves worker dexterity, reduces fatigue and increases the likelihood of compliance with the requirements.”

- Maintenance Manager at CHS, Inc.

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